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	12 January 1971	
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	MEMORANDUM FOR: Director for Special Activities	
	SUBJECT : Aero Medical Staff's Accomplishments During Recent Years	
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	It has occurred to us that this is the time of year for appraisals and data accumulation on one's organization in order to intelligently defend on the budgetary field of honor. We, therefore, present the following outline which might be of interest to review:	
	1. Para-sail Training	
	This is believed to be the only water-launched training program aimed at giving a pilot the complete experience of parachuting into water under conditions of utmost safety. Credits for developing this system belong to	
	SAF review(s)	
	ompleted.	

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	3. Full-Pressure Suit and Thermal Liner	
	It is fairly ancient history at this point that the first full-pressure suit, 901-J, was an in-house develop-	
,	ment in conjunction with the David Clark Company and ARO of Buffalo Corporation for the OXCART aircraft. From	
	this suit was derived the present S1010 PPA which is also used by the Air Force SAC U-2 Program. The essential	
	features of the S1010 were used by Clark to produce the	
	22S-6 suit which is the standard full-pressure suit used by the USAF in B-57's.	
	Of more recent note is the development in 1969 of the	
-	thermal liner which greatly enhances the possibility of survival of a pilot downed in cold waters. This improve-	
	ment has been approved by SAC and is in use in the U-2 Program. It is now being ordered for the SR-71.	
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	our Physiological Training Offic	er
	at that time, had immediately contacted at David Clark Company to initiate research on the problem.	
	At the same time who was attached to Intell/0/0S sent a Memorandum on the subject to the then Director for	Α,
	Special Activities who indicated his interest and suggested the subject be presented to the next U-2R Requirements	
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25X1	•	studies in immersing hing and tes Medicine, B	imself in an i ting the garmo rooks AFB, Tex During this pe	consisting ce pool, etcent at the Scotts, leading	made baseline of personally :, later develop- hool of Aviation to its ultimate assisted by lized under	25X1
		4. Light	ıt-Weight Jung	le Hammock		
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		The hamming a high to other gro	n security rat	Following two ing and have	articles have been not been disseminate	eđ
		5. Magi	netic Shirt-Co	llar Stays		
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•	7. Open-	End Raft	or Dinghy			
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out	er garment	made for	one pilot a	end it was	nite Nomex	) <del></del>
Ce j.	ved, all th	e pilots	are being	so equippe	ed.	,
	9. Urine-	Collecti	ng Device	,		•
	Faced with	the ant	icipated pro	blems of	much longer	
mis: with	sions to be	flown i	n the U-2R,	szemb or	worked	Ĺ
the	only operat	tional s	to develop uit modifica	what is b tion that	elieved to	be
	ot to relievious difficu		ladder witho	ut encour	tering any	a
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